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(54) Title: INCORPORATION OF MODIFIED NUCLEOTIDES BY ARCHAEON DNA POLYMERASES AND RELATED METHODS

(57) Abstract: The present invention is directed toward improving the efficiency of chain terminator incorporation by Family B archaeon DNA polymerases. Previously, the low efficiency of ddNTP, and more especially dye-labeled ddNTP, incorporation has limited the usefulness of this group of DNA polymerases in protocols requiring chain terminator incorporation.

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